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ISI-0003

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Contract No. AF33(657)-
12675

Amendment No. 1
File No. NA-2000

General Dynamics Corporation
Fort Worth
Texas

16 JUN 1964

Gentlemen:

1. This document constitutes Amendment No. 1 to Contract No. AF33(657)-12675 between the parties hereto, and said contract is amended as hereinafter set forth.

2. Pursuant to the clause of the General Provisions hereof entitled CHANGES, Contracting Officer has directed a reorientation of the work set forth in Exhibit "A" to the contract. Said redirection and additional work is as set forth in Exhibit "B" attached hereto and made a part of this contract at an increase in estimated cost and fixed fee of \$23,286 and \$1,744, respectively.

3. As a result of the foregoing, PART III - ESTIMATED COST AND FIXED FEE of the Schedule is revised to read as follows:

"PART III - ESTIMATED COST AND FIXED FEE

a. The total estimated cost for the performance of this contract, exclusive of the fixed fee, is \$123,566.

b. The total fixed fee for the performance of this contract is \$10,017."

4. All other terms, conditions and requirements of this contract remain unchanged.

5. Please indicate your receipt and acceptance of this amendment by executing the original and two copies hereof.

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Please return the fully executed original and one copy to the undersigned and retain the remaining copy for your files.

Very truly yours,

[Redacted Signature]

25X1

Contracting Officer

ACKNOWLEDGED & ACCEPTED

ON [Redacted] P.
BY [Redacted]

25X1

TITLE _____
DATE _____

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~~EXHIBIT "B"~~

Contract No. AF33(657)-12675

Statement of Work

Objectives

To investigate the feasibility of reconnaissance aircraft using the basic technology of the Fish program together with F-111 experience on variable aerodynamics capabilities and other available state-of-the-art advances. The design concept for inter-continental range shall consider refueling of (a) manned and unmanned B-58 parasites, (b) high-speed self-accelerating vehicles, and (c) vehicles designed by low radar cross section considerations.

Guide Lines

- A. Maximum cruise Mach numbers shall be at the limit of hydrocarbon fuels (approximately M5) and at the highest altitudes compatible with the Mach number (90-100,000 ft @ M4-5).
- B. A basic unrefueled vehicle range of 4000 miles or more is desired at the conditions listed in (A) above. It shall be capable of extended range through refueling and/or parasiting at reduced performance if necessary in this range extension mode.
- C. Design payload shall be approximately 600 lbs.

Basic Study Tasks

Configuration development studies of manned, Mach 4, B-58 parasite vehicles shall be conducted, including design studies of

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refueling, B-58 compatibility, propulsion cycles, and structural requirements.

Configuration screening studies shall be conducted to assess the approximate performance and relative merits of unmanned Mach 4 B-58 parasites, manned Mach 5 B-58 parasites, manned M4-5 self-accelerator vehicles, and vehicles designed by low radar cross section requirements.

Configuration development studies shall be conducted on the most promising vehicles issuing from the screening study described above. For these vehicles, design studies of aerodynamic characteristics, propulsion cycles, and structural requirements shall be made. Design layouts, including three-views and inboard profiles shall be made. Preliminary operational data shall be generated as required to support and guide the study.

This study shall be completed on 3 June 1964.

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20 November 1964Contract **NA-2000**
Program **ISINGLASS**
Contractor **General Dynamics**ROUTE SHEET

1. Negotiator (): 25X1

(a) To be completed by Negotiator:

i) Type of Contract: (L.I. ☐ Definitized ☐ F.P. ☐
(F.P. Redeterm ☐ FPIP ☐ CPFF ☒
(CPIF ☐ T&M ☐ Call Type ☐ Tech Rep ☐
(Other: _____)

ii) Contract Value \$ **118,583.00**

iii) Amount Obligated:

Program **ISINGLASS**

Available-Inc or

(Decrease). . . \$ **118,583.00** X761-0071-0035

Contingent on

Availability. . \$ _____

TOTAL . . \$ **118,583.00**iv) FY Funds Chargeable **FY-64 ONCOST**v) Period of Performance **24 October thru 29 February 1964**

vi) Rates:

DATE

CPFF O/H Rates Fixed Thru.

T&M Rates Fixed Thru.

Pricing Formula Fixed Thru.

Tech Rep Rates Fixed Thru.

(b) Reviewed and approved

SIGNED

Negotiator

11-29
Date

2. CD/Recordation (Mr. Smith)

SIGNED

12-3

3. C.O. Review/Concurrence

DATE

SIGNED

4. Internal OSA Review.

5. C.O. Signature

DATE

SIGNED

Signature

6. Distribution

MEMORANDUM FOR RECORD

1. This memorandum contains a recommendation submitted for concurrence of the undersigned. Such recommendation is contained in Paragraph 5.

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Contract **NA-2000**

2. The services and equipment being procured by this Contract No. **NA-2000** are in furtherance of the **ISINGLASS** Program(s), the nature of which cannot be publicly disclosed for security reasons. The undersigned Contracting Officer therefore determines that this procurement must be accomplished by negotiations pursuant to the authority of Section 3(a) of PL 81-110 and Class Determination and Finding, OXC-2122, signed by the DDCI on 15 October 1961.

3. Certification of funds for this contract will be handled under the procedure approved by the Director of Central Intelligence on 15 December 1956 which, in effect, results in all covert expenses involving issuance of Treasury Checks being accumulated in a separate account within the Finance Division. The amounts in this account will be periodically scheduled for certification of the vouchers by the Director. This procedure eliminates the necessity for a separate certification of authority under Section 8(b) of Public Law 110, 81st Congress (formerly 10(b) - see 85-507 dated 7/7/58) for each contract.

4. The following comments describe the procurement hereby effected, the terms and provisions generally of this contract/amendment, and a resume of major issues negotiated:

Contract No. NA-2000 has been issued to the contractor to cover feasibility and preliminary design studies of a manned reconnaissance aircraft as a proposed replacement of the OXCART Vehicle. These studies are expected to take approximately four (4) months consisting primarily of design effort. The Statement of Work has been approved by the technical representative, and the Contractor's proposal has been reviewed by the Air Force Auditor and the Negotiator and found to be fair and reasonable. Contractor's request for 8% fee was negotiated to 7½%.

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